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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEDT07 Rec'd PCT/PTO 3 1 JAN 2005
Express Mail No.: EV 452 774 364 USATTORNEY'S DOCKET NUMBER
11281-065-999**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (if known, see 37CFR 1.5)

To be assigned

10/523141INTERNATIONAL APPLICATION NO.
PCT/KR2003/001403INTERNATIONAL FILING DATE
July 16, 2003PRIORITY DATE CLAIMED
August 16, 2002

TITLE OF INVENTION

APPARATUS FOR PRODUCING NANOFIBER UTILIZING ELECTOSPINNING AND NOZZLE PACK FOR THE APPARATUS

APPLICANT(S) FOR DO/EO/US

Suk-Won CHUN and Jong-Su PARK

Applicant herewith submits to the United States Designated/ Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The U.S. has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ Declaration of the Inventor and Power of Attorney(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 20. below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute amendment.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter 2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: PCT Publication No. WO 2004/016839; PCT International Search Report; Notification of Transmittal of International Preliminary Examination Report; PCT International Preliminary Examination Report; PCT Notification Concerning Submission or Transmittal of Priority Document; and Request

US APPLICATION NO. (If known, see 37 CFR 1.51) To be assigned		10/523141		INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER	
21. The following fees are submitted:				CALCULATIONS PTO USE ONLY		
<input checked="" type="checkbox"/> Basic national fee \$300.00 <input checked="" type="checkbox"/> Examination fee..... \$200.00 <input checked="" type="checkbox"/> Search fee \$500.00 ENTER APPROPRIATE BASIC FEE AMOUNT = \$1000.00						
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).						
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE X			
Total Claims	34 - 20	14	\$50.00	700.00		
Independent Claims	2 - 3	0	\$200.00	=	0.00	
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ 360.00	-	360.00	
TOTAL OF ABOVE CALCULATIONS=				=	\$	2060.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				-	\$	1,030.00
SUBTOTAL =					\$	1,030.00
Processing fee of \$130.00 for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).						
TOTAL NATIONAL FEE				=	\$	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 1 x \$40.00 per property					\$	0.00
TOTAL FEES ENCLOSED				=	\$	1,030.00
				Amount to be refunded:		
				charged: 1,030.00		
a. <input type="checkbox"/> A check in the amount of \$0.00 to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge Deposit Account No. 50-3013 to cover the above fees. A copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3013. A copy of this sheet is enclosed. Note: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.						
22. <input type="checkbox"/> Other instructions						
23. <input checked="" type="checkbox"/> All correspondence for this application should be mailed to JONES DAY 20583						
24. <input checked="" type="checkbox"/> All telephone inquiries should be made to Yeah-Sil Moon or Michael Fainberg.						
For: Brian M. Rothery		By: Yeah-Sil Moon		35,340		January 31, 2005
NAME		SIGNATURE		REG. NO.		DATE